

Claims

1. A tape made of fabric material which is impregnated with a filler-containing binder, the filler producing a surface resistivity in the range 1 - 100 kohm/square in the overpercolated state in the binder.
2. The tape as claimed in claim 1, wherein the filler is coated with a layer of antimony-tin mixed oxide.
3. The tape as claimed in one of claims 1 or 2, wherein the thickness of the coating of filler ranges from one nm to a few hundred μm .
4. The tape as claimed in one of the preceding claims, wherein the filler is selected from the following group: potassium titanate, Al_2O_3 (corundum), chalk, talc, barium sulfate, SiO_2 (quartz), fused silica flour, kaolin, titanium dioxide, titanates and/or micas.
5. A use of the tape as claimed in one of the preceding claims in electrical machines, high voltage machines, transformers, chokes and/or for equipotential bonding in high voltage transformers.